



Ingula Pumped Storage Scheme South Africa

Ingula Project Description :

- 16,000 tonnes of Steel Linings, Penstocks and Bifurcations in Naxtra 700 and Naxtra 550 Q&T Steel. Minimum yield strengths of 700 MPa and 550 MPa.
- 6.6m to 5.235m diameter steel transitions in both LPHT tunnels.
- 220m of 5.235m diameter LPHT tunnel lining in both LPHT tunnels.
- 220m of 6.1m diameter vertical surge shaft lining in both vertical shafts.
- 985m of 5.1m diameter steel tunnel lining in both high pressure inclined shafts.
- 2 off 5.1m x 3.6m diameter bifurcations average thickness 80mm thick.
- 4 off steel penstocks 3.6m diameter x 70m long including thrust rings and cone to MIV.
- 4 off Draft tube linings 60 degree inclined shafts x approx 60m long.
- 4 x square to round transitions.